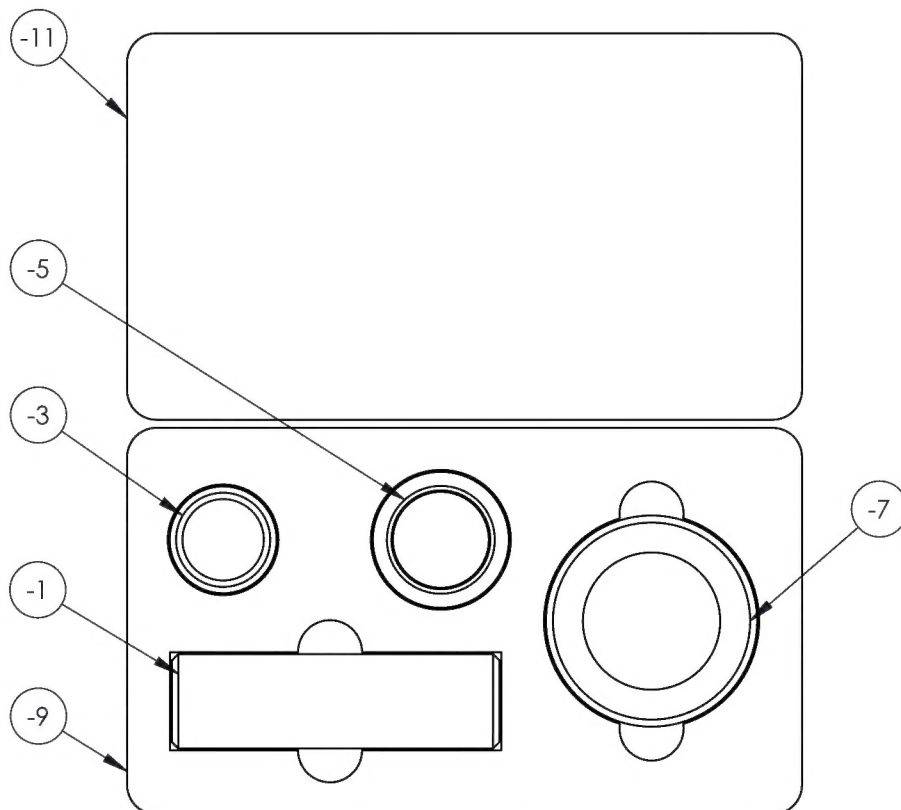


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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION	2/4/2016	RJC	JAG



NOTE:  
REF. EUROCOPTER T/N 105-14181W5.



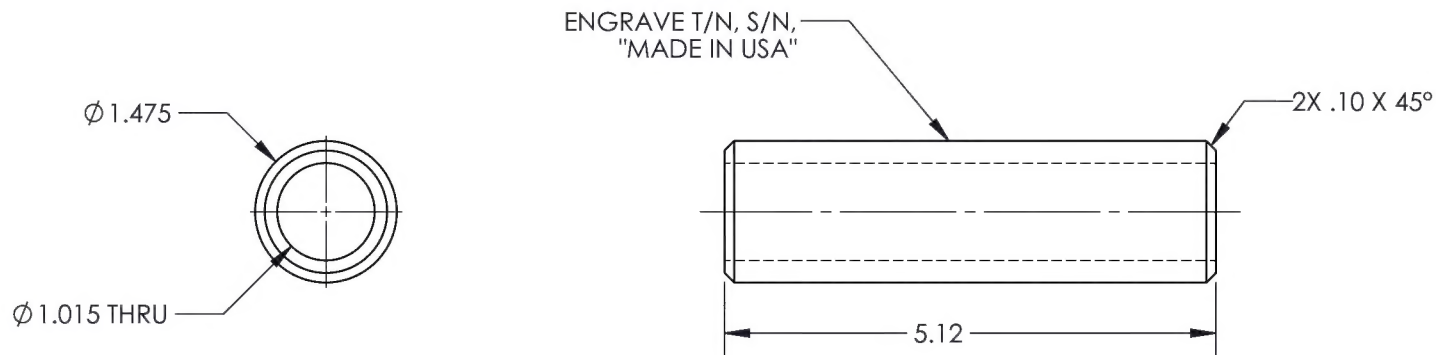
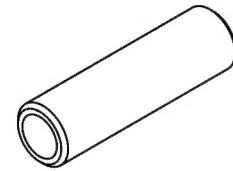
TITLE

PUSHING-OUT TOOL

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.	DWG NO. RBE105-14181W5			REV 1
			-1	1	PLUNGER	A36/1018/1020 HR		2	MAT'L		UNLESS OTHERWISE SPECIFIED	
			-3	1	DRIFT	A36/1018/1020 HR		3	HEAT TREAT FINISH		DIMENSIONS ARE IN INCHES	
			-5	1	GUIDE	6061		4	SPEC		.XXX ± .005 FRACTIONS ± 1/8	
			-7	1	SUPPORT	6061		5	DRAWN BY: CLOUGH		.XX ± .01 ANGLES ± 5°	
		B/O	-9	1	BOTTOM FOAM	Y20 BLACK	2.08 X 6.04 X 10.54 (I.R. SPECIALTY)	6	CHECKED: DUERFELDT		.X ± .1 SURFACES = 125°	
		B/O	-11	1	TOP FOAM	Y20 BLACK	1.08 X 6.04 X 10.54 (I.R. SPECIALTY)	7	OPPS APPR: ANDERSON		1. BREAK ALL SHARP EDGES	
		B/O	-13	1	CASE	PLACTIC	PELICAN CASE #APP-1170-E	N/S	QA APPR: LINDSAY		.015 x 45° OR .015R	
		B/O		1	DART PLACARD	ALUMINUM	RB41011	N/S	APPROVED: GILBERT		2. DIMENSIONAL LIMITS APPLY	
									SCALE 1:3		AFTER PLATING	
									DATE 1/14/2016		3. INTERPRET DIM AND TOL PER	
											ASME Y14.5M-2009	
											USED ON MODEL	
											EC145	
											SHEET 1 OF 7	

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				APPROVED

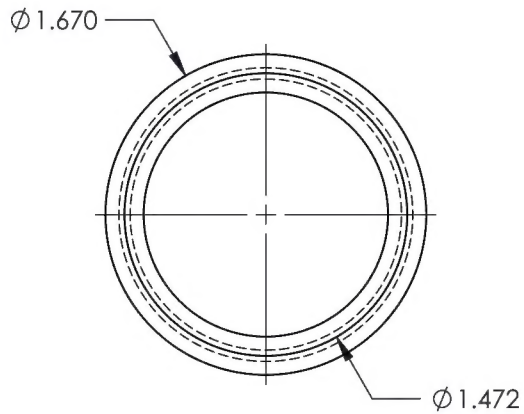
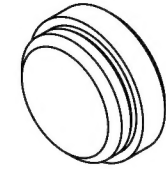


(1)  
PLUNGER

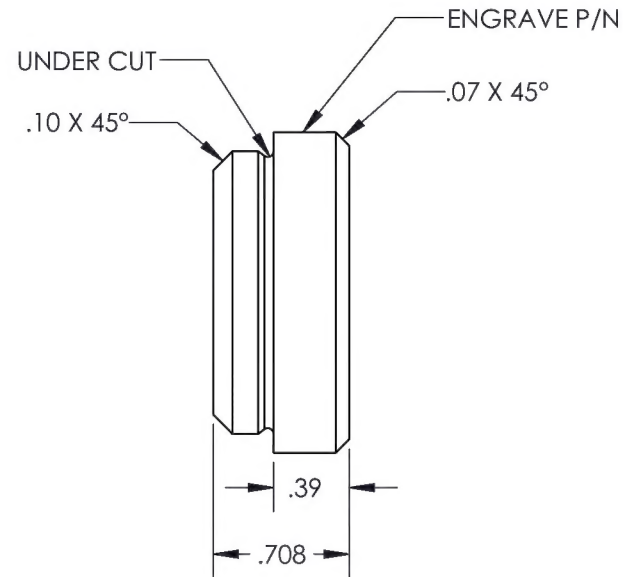
<b>DART AEROSPACE</b>	
TITLE <b>PUSHING-OUT TOOL</b>	
DWG NO. <b>RBE105-14181W5-1</b>	REV <b>1</b>
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:2	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 1/13/2016	USED ON MODEL
SHEET 2 OF 7	EC145

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				APPROVED



TANGENT EDGES NOT SHOWN



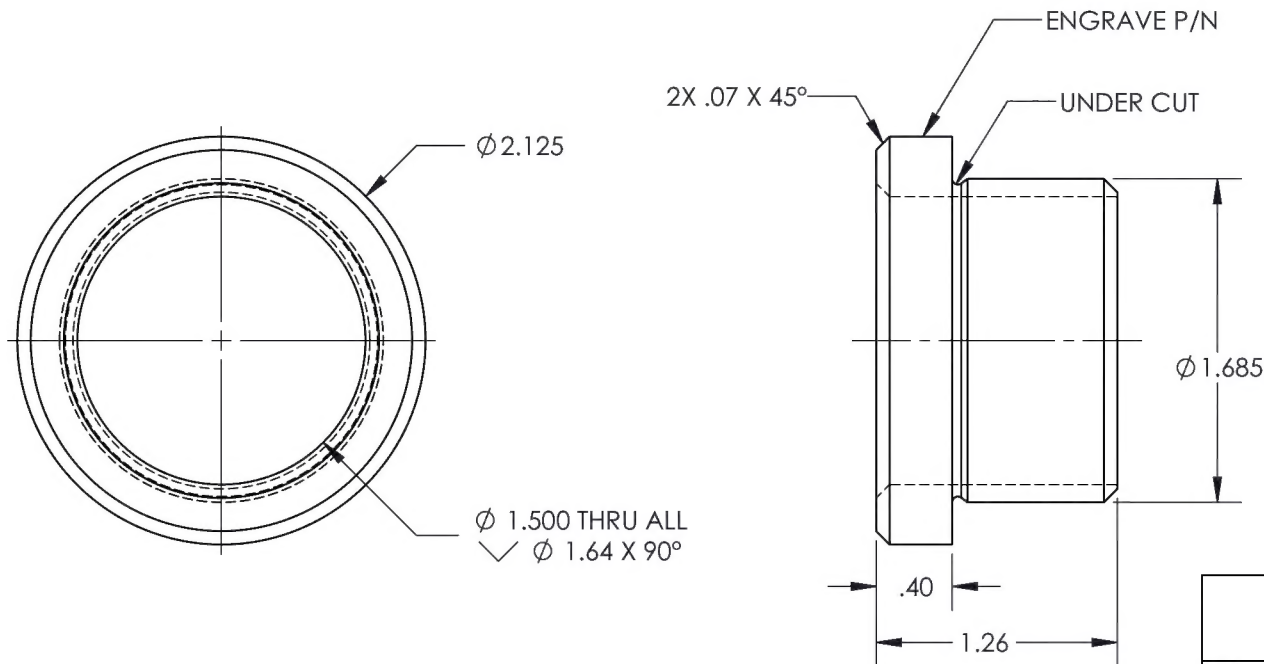
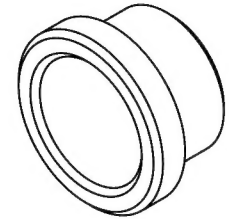
(-3)

DRIFT

<b>DART AEROSPACE</b>	
TITLE <b>PUSHING-OUT TOOL</b>	
DWG NO. <b>RBE105-14181W5-3</b>	REV <b>1</b>
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± .5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125/
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 1/13/2016	USED ON MODEL
	EC145
	SHEET 3 OF 7

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				APPROVED



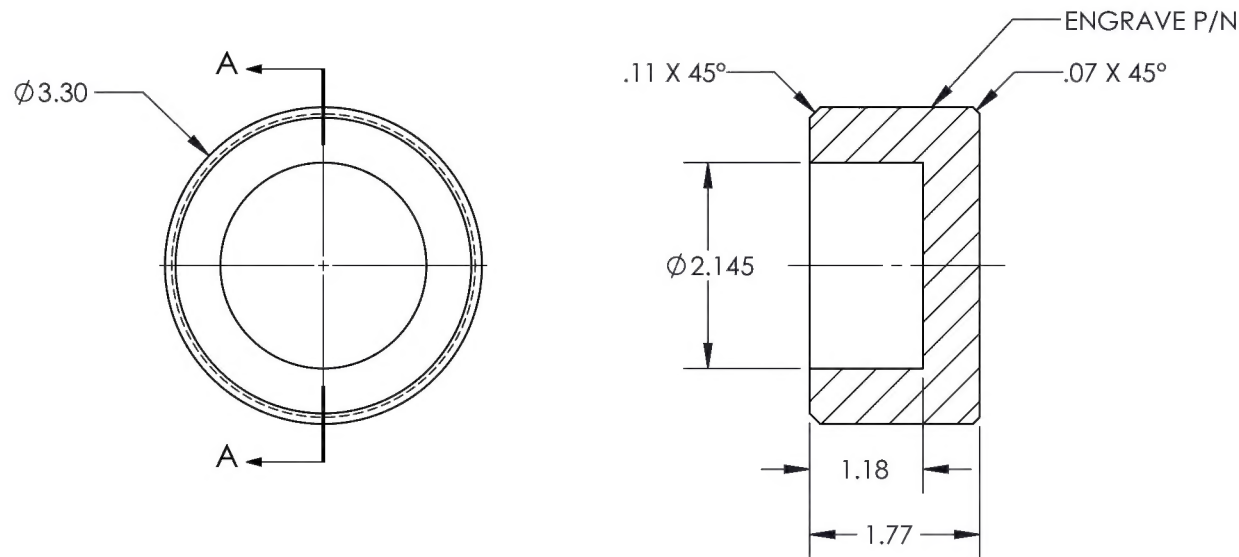
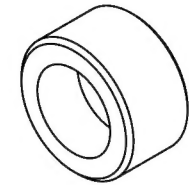
(-5)

GUIDE

<b>DART AEROSPACE</b>	
TITLE <b>PUSHING-OUT TOOL</b>	
DWG NO. <b>RBE105-14181W5-5</b>	REV <b>1</b>
MAT'L 6061	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH CLEAR ANODIZE	.XXX ± .005 FRACTIONS ± 1/8
SPEC MIL-A-8625, TYPE II, CLASS I	.XX ± .01 ANGLES ± 5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	EC145
SCALE 1:1	DATE 1/13/2016
	SHEET 4 OF 7

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				APPROVED



SECTION A-A

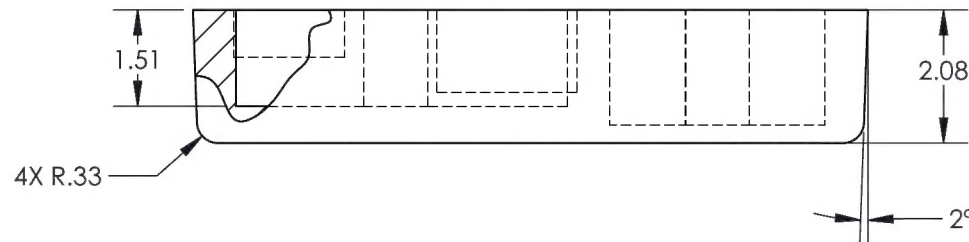
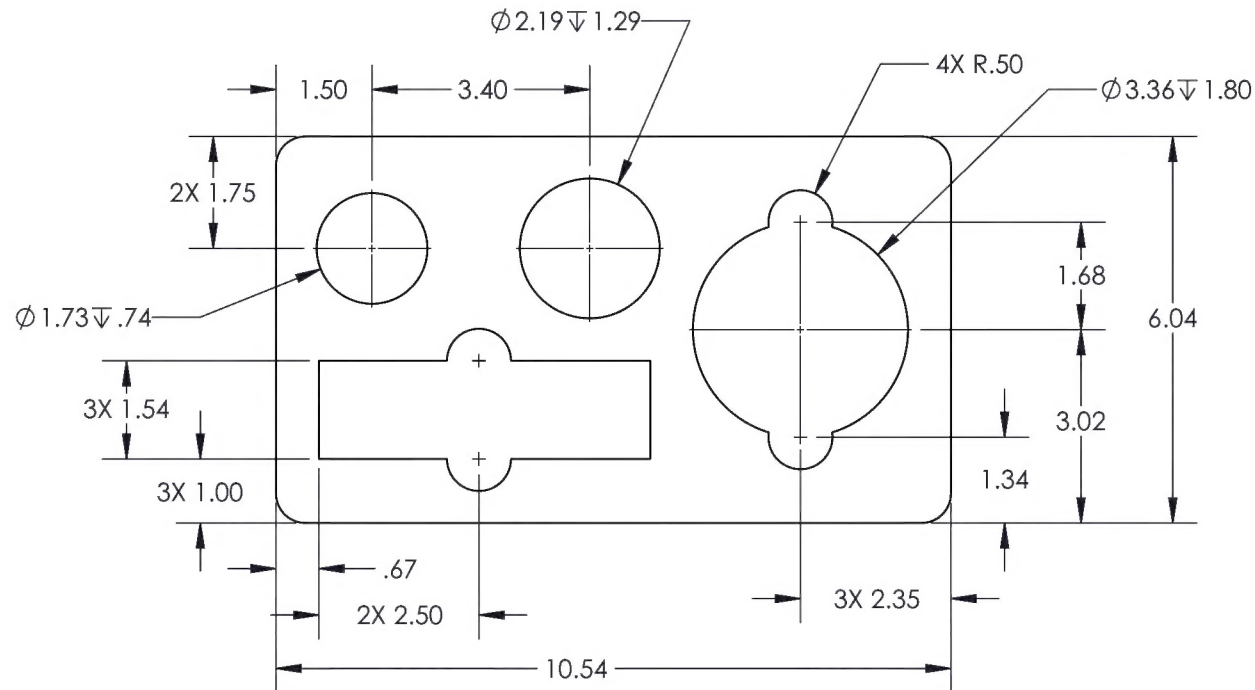
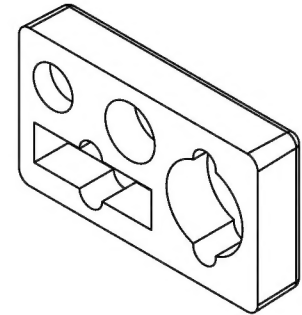
(7)

SUPPORT

<b>DART AEROSPACE</b>	
TITLE <b>PUSHING-OUT TOOL</b>	
DWG NO. <b>RBE105-14181W5-7</b>	REV <b>1</b>
MAT'L 6061	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH CLEAR ANODIZE	.XXX ± .005 FRACTIONS ± 1/8
SPEC MIL-A-8625, TYPE II, CLASS I	.XX ± .01 ANGLES ± 5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	EC145
SCALE 1:2	DATE 1/13/2016
	SHEET 5 OF 7

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				APPROVED



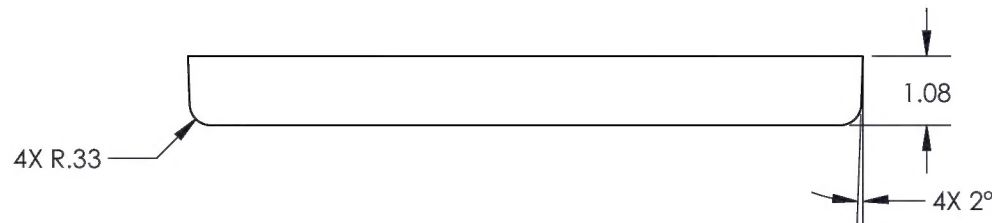
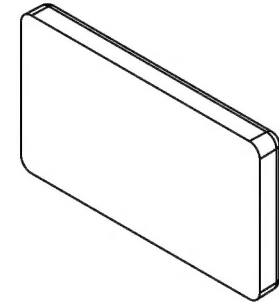
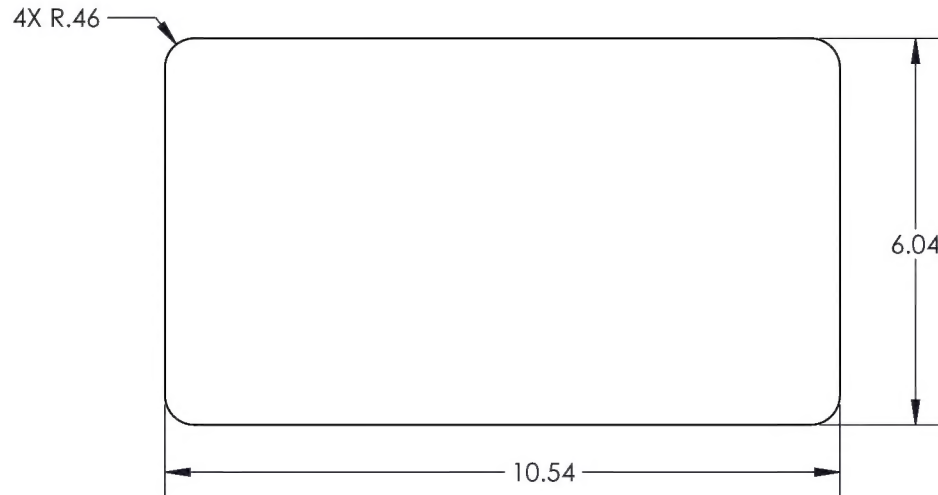
(-9)

BOTTOM FOAM

<b>DART AEROSPACE</b>	
TITLE <b>PUSHING-OUT TOOL</b>	
DWG NO. <b>RBE105-14181W5-9</b>	REV <b>1</b>
MAT'L Y20 BLACK	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .010 FRACTIONS ± 1/8
	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125°
SPEC	1. BREAK ALL SHARP EDGES
	.015 x 45° OR .015R
DRAWN BY: CLOUGH	2. DIMENSIONAL LIMITS APPLY
CHECKED: DUERFELDT	AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER
QA APPR: LINDSAY	ASME Y14.5M-2009
APPROVED: GILBERT	USED ON MODEL
	EC145
SCALE 1:3	DATE 1/14/2016
	SHEET 6 OF 7

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				APPROVED



(-11)

TOP FOAM

<b>DART AEROSPACE</b>	
TITLE <b>PUSHING-OUT TOOL</b>	
DWG NO. <b>RBE105-14181W5-11</b>	REV <b>1</b>
MAT'L Y20 BLACK	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 1:3	DATE 1/14/2016
	USED ON MODEL EC145
	SHEET 7 OF 7